

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
 Data File : BF142111.D
 Acq On : 26 Mar 2025 22:06
 Operator : RC/JU
 Sample : Q1631-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 364

Quant Time: Mar 27 01:06:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	133109	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	527342	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	301770	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	561255	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	375914	20.000	ng	0.00
86) Perylene-d12	15.504	264	375596	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	668266	83.789	ng	0.00
7) Phenol-d6	6.493	99	881029	86.761	ng	-0.01
23) Nitrobenzene-d5	7.428	82	612027	65.313	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	310086	80.997	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1340804	67.572	ng	-0.01
79) Terphenyl-d14	12.980	244	1689887	66.463	ng	0.00

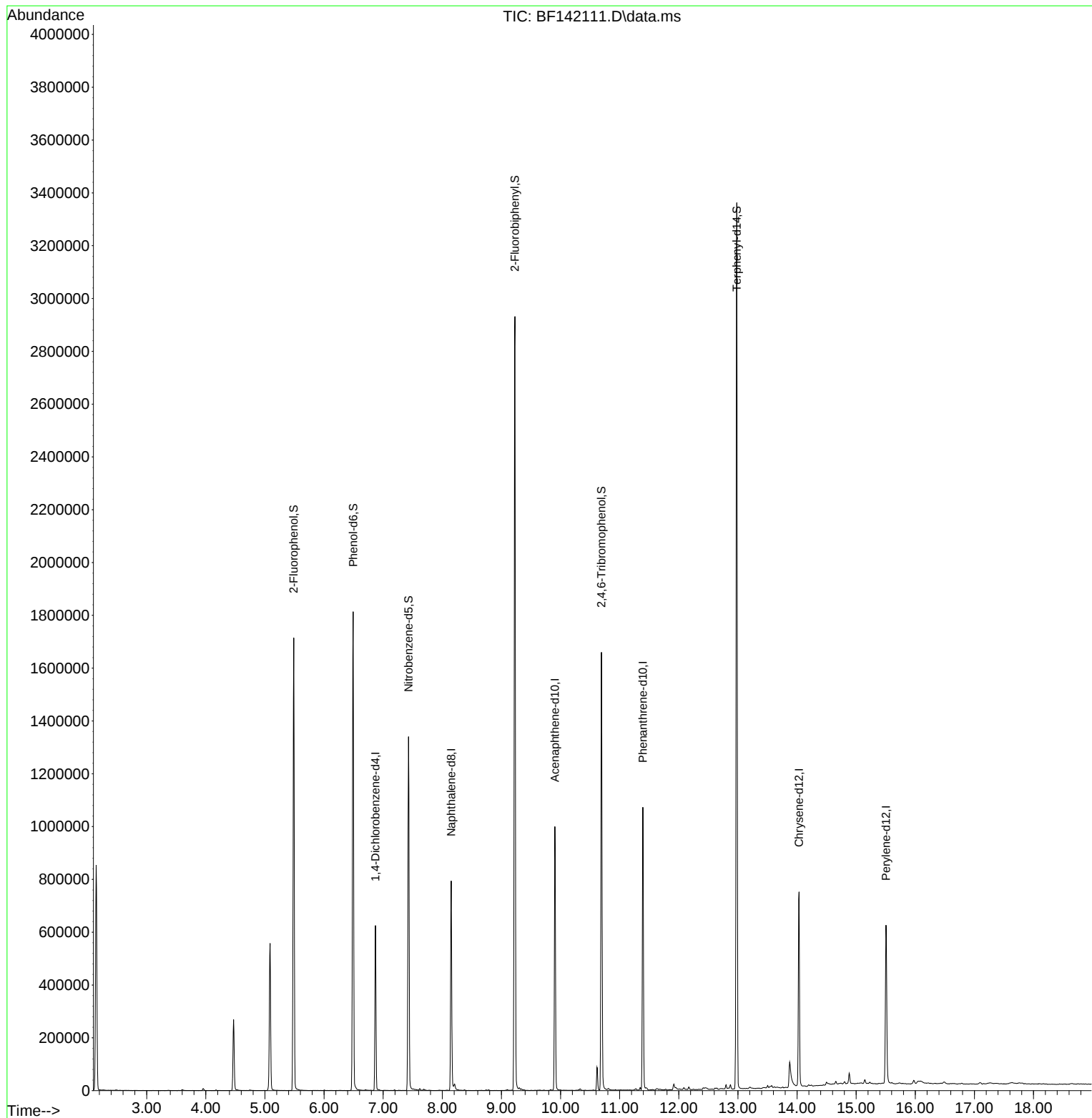
Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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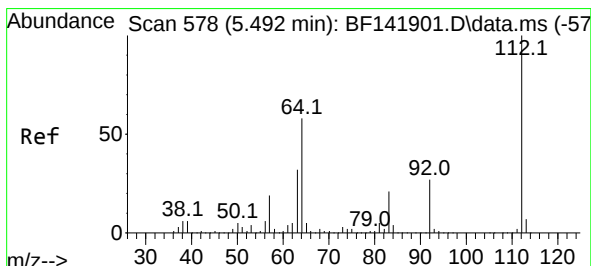
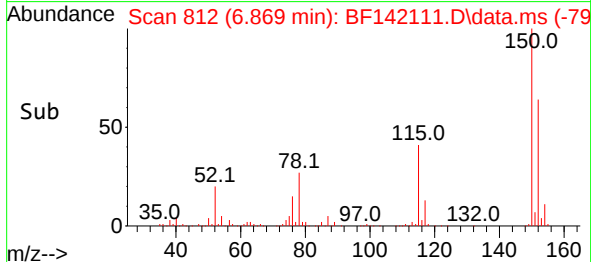
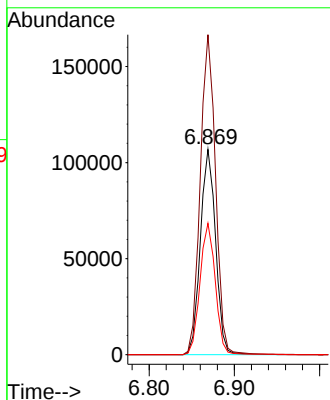
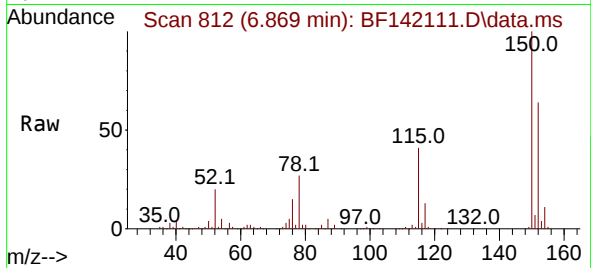




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142111.D
Acq: 26 Mar 2025 22:06

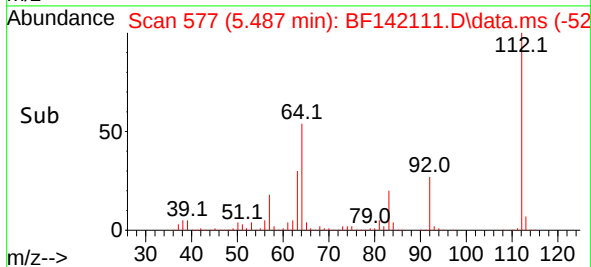
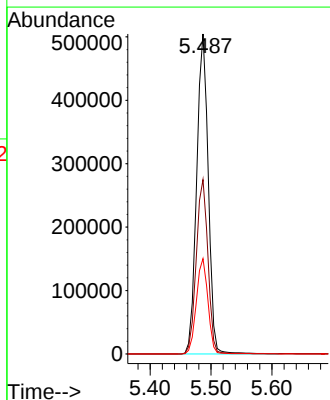
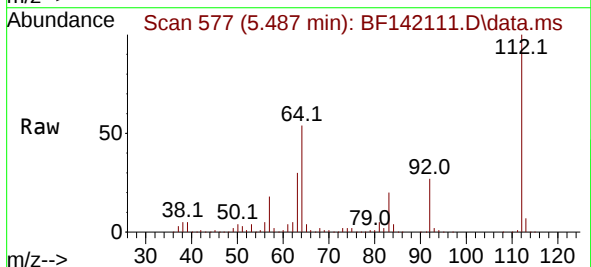
Instrument :
BNA_F
ClientSampleId :
364

Tgt Ion:152 Resp: 133109
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.2
115 64.0 51.9 77.9



#5
2-Fluorophenol
Concen: 83.789 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF142111.D
Acq: 26 Mar 2025 22:06

Tgt Ion:112 Resp: 668266
Ion Ratio Lower Upper
112 100
64 54.5 46.5 69.7
63 29.8 25.4 38.2

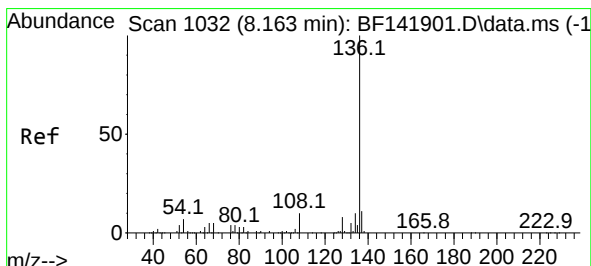
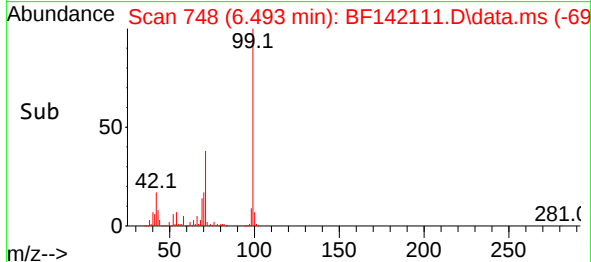
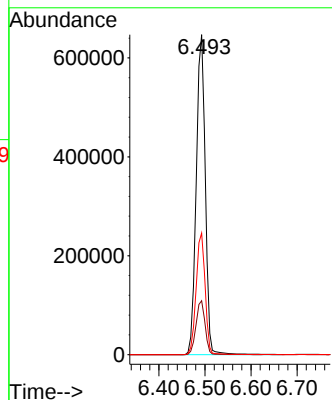
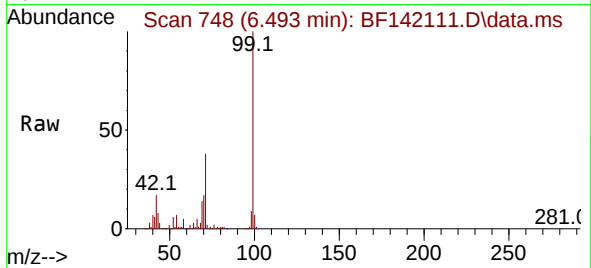




#7
Phenol-d6
Concen: 86.761 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142111.D
Acq: 26 Mar 2025 22:06

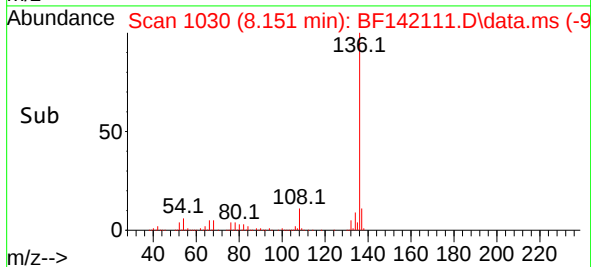
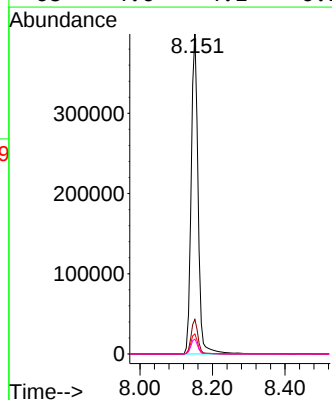
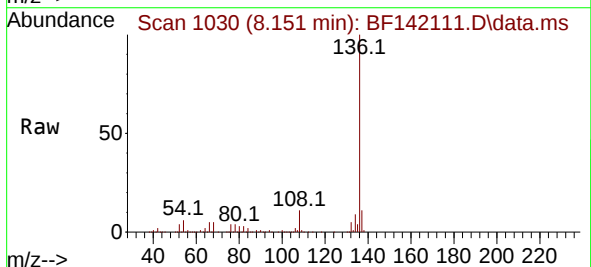
Instrument :
BNA_F
ClientSampleId :
364

Tgt Ion: 99 Resp: 881029
Ion Ratio Lower Upper
99 100
42 16.8 14.6 21.8
71 38.0 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142111.D
Acq: 26 Mar 2025 22:06

Tgt Ion:136 Resp: 527342
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.3 5.8 8.8
68 4.6 4.1 6.1

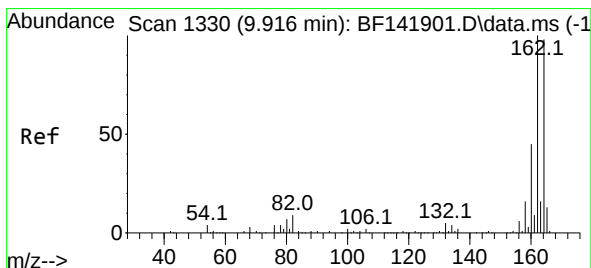
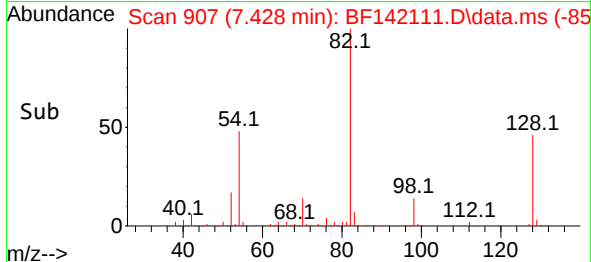
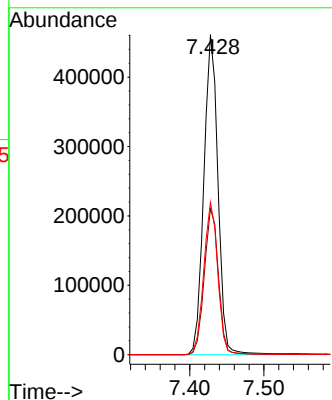
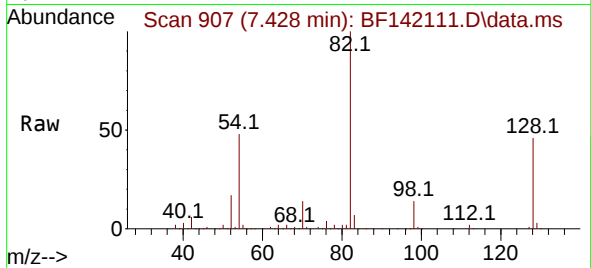




#23
Nitrobenzene-d5
Concen: 65.313 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.017 min
Lab File: BF142111.D
Acq: 26 Mar 2025 22:06

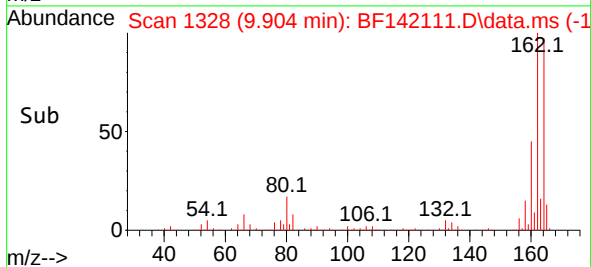
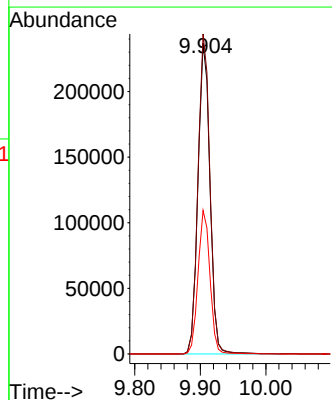
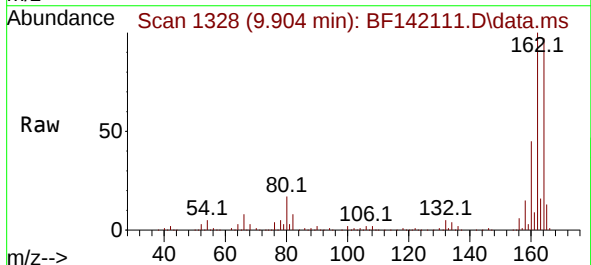
Instrument :
BNA_F
ClientSampleId :
364

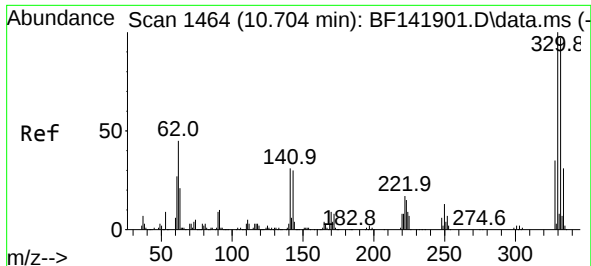
Tgt Ion: 82 Resp: 612027
Ion Ratio Lower Upper
82 100
128 45.7 36.0 54.0
54 47.6 39.6 59.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF142111.D
Acq: 26 Mar 2025 22:06

Tgt Ion:164 Resp: 301770
Ion Ratio Lower Upper
164 100
162 103.0 81.8 122.6
160 46.2 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 80.997 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF142111.D

Acq: 26 Mar 2025 22:06

Instrument :

BNA_F

ClientSampleId :

364

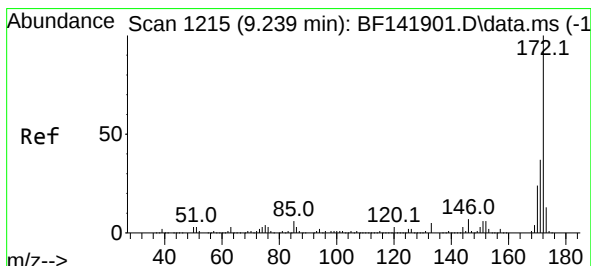
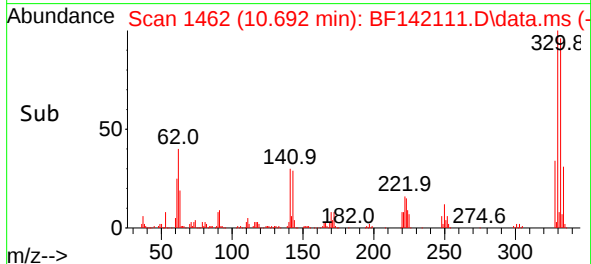
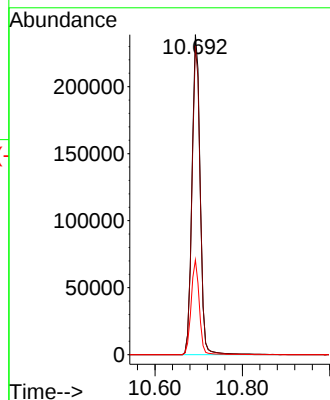
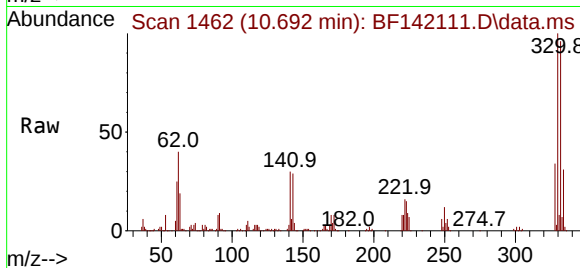
Tgt Ion:330 Resp: 310086

Ion Ratio Lower Upper

330 100

332 96.9 77.6 116.4

141 29.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 67.572 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142111.D

Acq: 26 Mar 2025 22:06

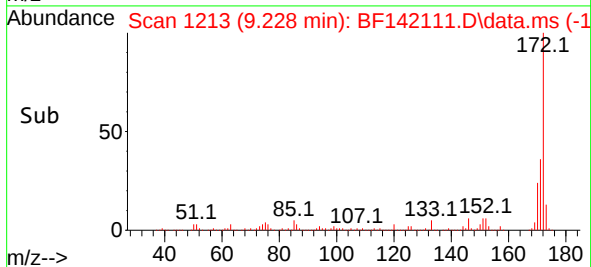
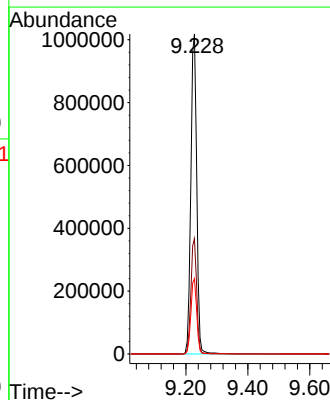
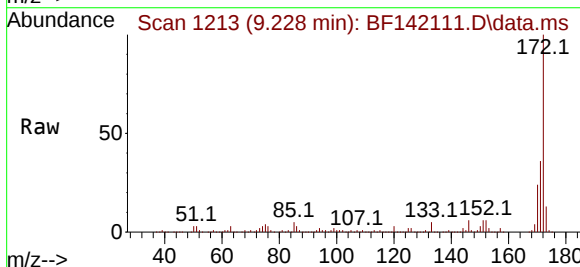
Tgt Ion:172 Resp: 1340804

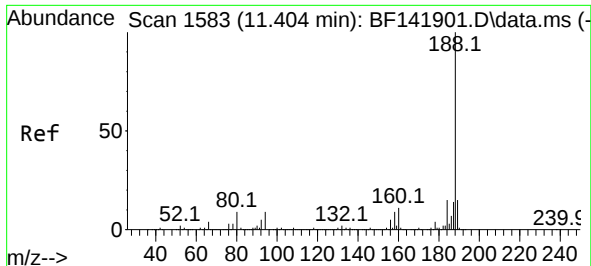
Ion Ratio Lower Upper

172 100

171 36.1 29.3 43.9

170 23.6 19.4 29.0

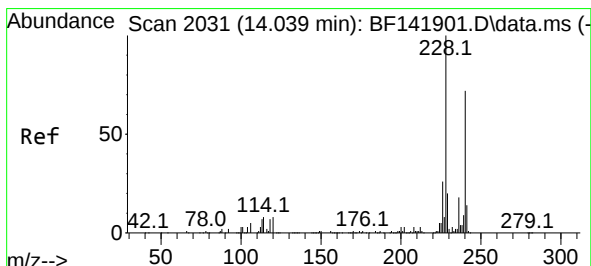
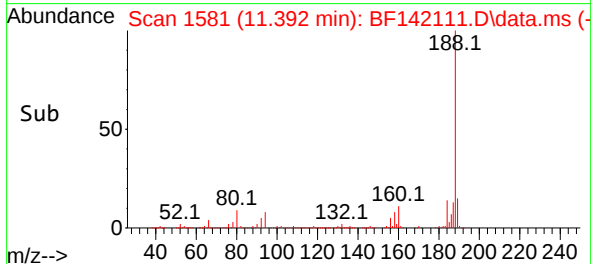
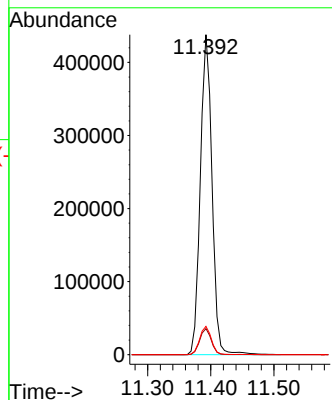
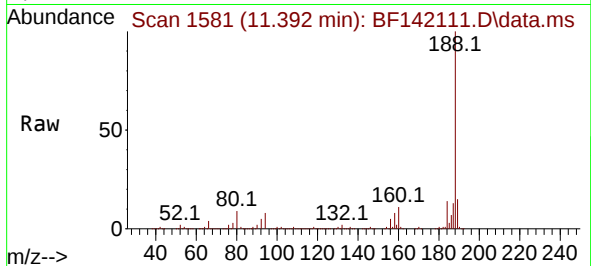




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142111.D
Acq: 26 Mar 2025 22:06

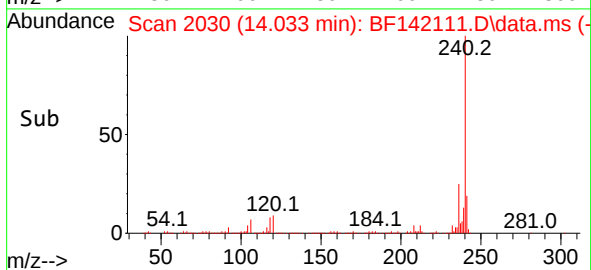
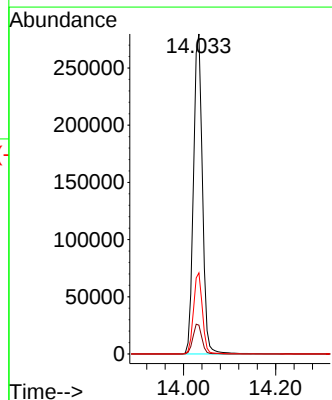
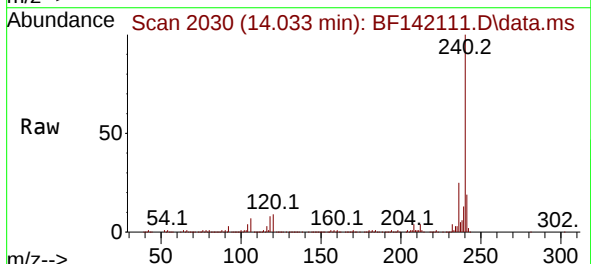
Instrument :
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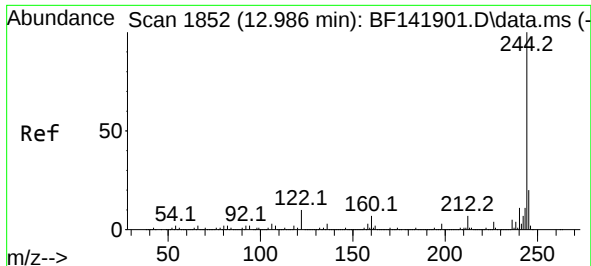
Tgt Ion:188 Resp: 561255
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142111.D
Acq: 26 Mar 2025 22:06

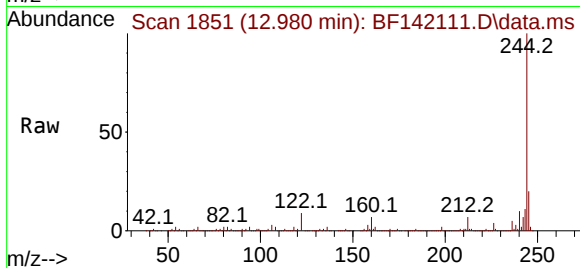
Tgt Ion:240 Resp: 375914
Ion Ratio Lower Upper
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120 9.0 8.4 12.6
236 25.3 20.5 30.7



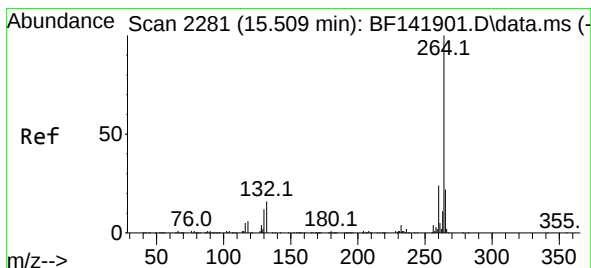
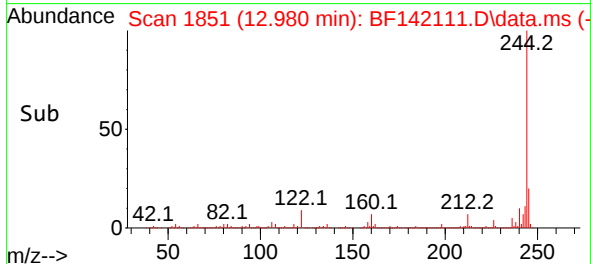
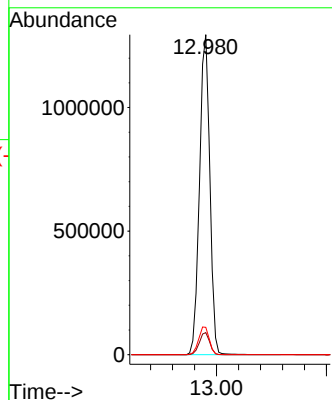


#79
 Terphenyl-d14
 Concen: 66.463 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142111.D
 Acq: 26 Mar 2025 22:06

Instrument :
 BNA_F
 ClientSampleId :
 364



Tgt Ion:244 Resp: 1689887
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 8.6 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. -0.006 min
 Lab File: BF142111.D
 Acq: 26 Mar 2025 22:06

Tgt Ion:264 Resp: 375596
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.5 17.5 26.3

